Panasonic
ideas for life

DMC-FT1
Digital Camera

- LUMIX Compact Digital Camera
- Water Proof 3.0m, Shock Proof 1.5m and Dust Proof
- HD Movie Recording in AVCHD Lite with Dolby Digital Creator
- Advanced iA (Intelligent Auto) Mode with Face Recognition and Movie iA Mode
- 28mm Wide-angle 4.6x Optical Zoom LEICA DC Lens and 1/2.33-inch 12.1-megapixel High-resolution CCD
- 2.7-inch High-resolution Intelligent LCD with Wide-viewing Angle
- Venus Engine HD with HDMI Compatibility and VIERA Link

Compact Digital Camera FT1 - Water Proof, Shock Proof and Dust Proof Design with HD Movie Recording in AVCHD Lite and iA (Intelligent Auto) Mode

Optics

Camera Effective Pixels	12.1 Megapixels
Sensor Size / Total Pixels / Filter	1/2.33-inch / 12.7 Total Megapixels / Primary Colour Filter
Aperture	F3.3 - 5.9 / 2-Step (F3.3 - 11 (W) / F5.9 - 18 (T))
Optical Zoom	4.6x
Focal Length	f=4.9-22.8mm (28-128mm in 35mm equiv.)
Extra Optical Zoom (EZ)	5.7x (4:3 / 8M), 7.3x (4:3 / 5M), 9.1x (under 3M)
Lens	LEICA DC VARIO-ELMAR 10 elements in 8 groups (5 Aspherical Lenses / 6 Aspherical surfaces, 1 ED lens)
Optical Image Stabilizer	MEGA O.I.S. (Auto / Mode1 / Mode2)
Digital Zoom	4x (Max. 18.4 x combined with Optical Zoom without Extra Optical Zoom) (Max.36.0x combined with Extra Optical Zoom)
Focusing Area	Normal: 30cm - infinity Macro / Intelligent AUTO : Wide 5cm / Tele 30cm - infinity
Focus Range Display	Yes
AF Assist Lamp	Yes
Focus	Normal / Macro, Continuous AF (On / Off), AF Tracking (On / Off), Quick AF (On / Off)
AF Metering	Face / AF Tracking / Multi (11pt) / 1pt HS / 1pt / Spot
Shutter Speed	8-1/1300 sec (Selectable minimum shutter speed) Starry Sky Mode : 15, 30, 60sec.

T3 HOT 100 HOT PRODUCT 2009

Award

2009-05-11T13:44:00

DMC-FT1, T3's, Hot 100 Gadgets (Online), Number 15, May 2009

What Digital Camera RECOMMENDED

Award

2009-07-23T16:27:00

DMC-FT1, What Digital Camera, Recommended Award, July 2009

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Recording

Face Recognition	Photo
Optical Image Stabilizer	Photo & Movie
Intelligent ISO Control	Photo
Face Detection	Photo & Movie
Intelligent Scene Selector	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Macro), & Movie (Portrait, Scenery, Low Light, Macro)
Intelligent Exposure	Photo & Movie
AF Tracking	Photo
Digital Red Eye Correction	Photo
File Format	Still Image: JPEG (DCF / Exif2.21) Image with Audio: JPEG (DCF / Exif2.21) + QuickTime Motion picture: AVCHD Lite, QuickTime Motion JPEG
AVCHD Lite REC	NTSC / PAL (Depends on Region)
Mode Switch	[Playback]
One-Touch Movie Button	Yes
Mode Dial	Intelligent AUTO, Normal Picture, SCN, Beach & Surf, Snow, Sports, Clipboard
Still Image Scene Mode	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Panorama Assist, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst (Image Priority / Speed Priority), Flash Burst, Starry Sky, Fireworks, Aerial photo, Pinhole, Film Grain, Underwater
Movie Scene Mode	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Low Light, Food, Party, Candle Light, Sunset, Beach & Surf, Snow, Aerial, Pinhole, Film Grain, Underwater, High Sensitivity (Activated by selecting Still Picture Scene Mode then pressing movie button. Still Picture Scene Modes without corresponding Movie Scene Mode is recorded in Normal Mode)
Continuous Shooting Mode	Full-Resolution Image, 2.3 frames/sec Max. 5 images (Standard mode), Max 3 images (Fine Mode) High-speed Burst Mode: approx. 6.0 frames/sec (image priority) approx. 10 frames/sec (speed priority) (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16:9)
Unlimited consecutive shooting	1.8 frames/sec
Motion Picture Recording	[4:3] VGA: 640 x 480 pixels, 30fps (Motion JPEG) QVGA: 320 x 240 pixels, 30 fps (Motion JPEG) [16:9] WVGA: 848 x 480 pixels, 30 fps (Motion JPEG) [HD Movie] 1280x720, NTSC Mode: NTSC model: 60p(CCD output is 30p) / PAL model: 50p(CCD output is 25p) (AVCHD Lite, SH: 17Mbps / H:13Mbps / L:9Mbps) / 30fps (Motion JPEG)
Exposure	Program AE
Exposure Compensation	1/3 EV step, +/-2 EV
Backlight Compensation	Yes (only in Intelligent AUTO mode)
Auto (AE) Bracketing	'+/- 1/3 EV ~1EV step, 3 frames
Light Metering	Intelligent Multiple
ISO Sensitivity	

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2009-08-09T16:22:00

DMC-FT1, Photography Monthly, Editor's Choice Award, August 2009

Award

2009-07-24T11:00:00

DMC-FT1, DP Review online, Highly Recommended, July 2009

Award

2010-01-28T17:51:00

DMC-FT1, Photography Blog, Recommended Award, January 2010

DMW-AC5EB

DMW-MCA1E

DMW-BCF10E

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	Auto / 80 / 100 / 200 / 400 / 800 / 1600 High Sensitivity (ISO 1600-6400)
Aspect Ratio	4:3 / 3:2 / 16:9
Still Picture Recording	[4:3] 4000 x 3000(12M)/ 3264 x 2448 (8M EZ) / 2560 x 1920 (5M EZ) / 2048 x 1536 (3M EZ) / 1600 x 1200 (2M EZ) / 640 x 480 (0.3M EZ) [3:2] 4000 x 2672(10.5M) / 3264 x 2176 (7M EZ) / 2560 x 1712 (4.5M EZ) / 2048 x 1360 (2.5M EZ) [16:9] 4000 x 2248(9M) / 3264 x 1840 (6M EZ) / 2560 x 1440 (3.5M EZ) / 1920 x 1080 (2M EZ)
Image Quality	Fine / Standard
White Balance	Auto / Daylight / Cloudy / Shade / Halogen / White Set White Balance Adjustment (±10steps, except for auto set) (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Pinhole, Panorama Assist mode)
Quick Menu	Yes
Colour Mode	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm
Still Image with Audio Recording	5 sec
Audio Dubbing	Max. 10sec
Real-time histogram	Yes
Composition Guide line	Yes (2 patterns)
Auto Review	1sec, 2sec, Hold, Zoom
Easy Zoom / Zoom Resume	No / No
Optical Zoom in Motion Picture	Yes
Macro Zoom	Yes
Orientation Detector	Yes
Scene Mode Help Screen	Yes
Self Timer	2sec / 10sec
Focus Icon Select	Yes (in Face Recognition only)

Playback

Playback Mode	Normal Playback, Slideshow, Mode Playback, Category Playback, Favourites Playback
Thumbnails / Zoomed Playback	12,30-thumbnails / Max 16x
Calender Display / Dual-Image Playback	Yes / No
Set Favorites / Rotate Image	Yes / No
Playback Still Images with Audio	Yes
Playback Motion Picture	Yes (Motion JPEG / AVCHD Lite)
Slideshow Mode	All / Still Images Only / Motion Picture Only / Favourites / Category BGM Effect (Natural / Slow / Swing / Urban / OFF)
Show Histogram	Yes
Delete Image	Single / Multi / All / All except Favourites
DPOF Print Setting / Set Protection	Yes / Yes
Resize / Trim / Aspect Conv. / Leveling	Yes / Yes / No / Yes

DMW-MCFT1E

RP-CDHM15E-K

RP-CDHM30E-K

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Copy / Title Edit/ Text Stamp	Yes / Yes / Yes
PictBridge Support	Single / Multi / All / Favourites / DPOF

Setup

OSD language	Japanese, English, German, French, Italian, Spanish
Viera Link	Yes
HDMI Output	Video: Auto / 1080i / 720p / 576p (PAL) / 480p (NTSC) Audio: Dolby Digital Creator
Movie REC Guide	Yes
Wind-Cut in Motion Picture	Yes
Travel Date / World Time	Yes / Yes

Others

LCD Monitor	2.7" TFT LCD Display (230K dots) Field of View : approx. 100%, Wide Viewing Angle AUTO Power LCD mode, Power LCD mode
Water Proof	3.0m (IEC60529 IPX8 compliant)
Dust Proof	Yes (IEC60529 IP5X compliant)
Shock Proof	1.5m (MIL-STD810F Method 516.5-Shock compliant)
Built-in-Flash	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off 0.3 - 5.1m (Wide/ISO Auto), 0.3 - 2.8m (Tele/ISO Auto)
Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card, MultiMediaCard (Still image only)
LED Illumination	Yes
Built-in-Memory	approx. 40MB
Microphone / Speaker	Mono / Yes
Interface	miniHDMI, USB2.0 High speed / AV Output (NTSC/PAL or NTSC only) / DC Input (requires optional Multi Conversion Adapter)

General

Power	ID-Security Li-ion Battery Pack (3.6V, 940mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional)
Battery life (approx.)	340 Pictures (CIPA Standard)
Included Software	PHOTOfunSTUDIO v3.0 HD Edition ArcSoft (MediaImpression / Panorama Maker) USB Driver, QuickTime
Standard Accessories	Battery Charger, Battery Pack, Battery Case AV Cable, USB Connection Cable, AC Cable Hand Strap (with stopper), CD-ROM
Dimensions(W x H x D)	98.3 x 63.1 x 23.0 mm (3.87 x 2.49 x 0.91 in)
Weight	Approx. 162.5g (0.36 lb) Approx. 183.8g with Battery and SD Memory Card (0.41 lb)